

09/943,160

**IN THE CLAIMS**

Add new claims 64-66 as follows:

Cancel claims 55-58 and add claims 67-70 in their place as follows:

1-53 (canceled)

54. (previously presented): A motorized card reader module comprising:  
a throat portion for receiving cards;  
a housing portion for containing a card read head;  
a shutter arm movable from a closed position to an open position to allow a card to pass from the throat portion to the housing portion; and  
a sweeping arm movable from one side of the throat portion to an opposite side of the throat portion to detect any non-card obstruction in the throat portion as the sweeping arm traverses a substantially entire width of the throat portion;  
the sweeping arm including a hook portion having a recessed area for enabling the hook portion to (i) catch a non-card obstruction, (ii) maintain the caught non-card obstruction within the recessed area, and (iii) drag the caught non-card obstruction to a side of the throat portion when the sweeping arm moves from the one side of the throat portion to the other side of the throat portion.

55-58. (canceled)

59. (previously presented): A module according to claim 54, further comprising a resilient bias for biasing the hook portion so that the hook portion remains in contact with a card when the hook portion is deflected by the card.

60. (previously presented): A self-service terminal comprising:  
a fascia defining a card entry/exit slot; and  
a motorized card reader module in registration with the card entry/exit slot and including (i) a throat portion for receiving cards, (ii) a housing portion for containing a card

09/943,160

read head, (iii) a shutter arm movable from a closed position to an open position to allow a card to pass from the throat portion to the housing portion, and (iv) a sweeping arm movable from one side of the throat portion to an opposite side of the throat portion to detect any non-card obstruction in the throat portion as the sweeping arm traverses a substantially entire width of the throat portion;

the sweeping arm including a hook portion having a recessed area for enabling the hook portion to (i) catch a non-card obstruction, (ii) maintain the caught non-card obstruction within the recessed area, and (iii) drag the caught non-card obstruction to a side of the throat portion when the sweeping arm moves from the one side of the throat portion to the other side of the throat portion.

61. (previously presented): A self-service terminal according to claim 60, further comprising sensor means for (i) detecting when the sweeping arm is located at the one side of the card entry/exit slot, and (ii) detecting when the sweeping arm is located at the opposite side of the card entry/exit slot.

62. (previously presented): A method of operating a motorized card reader to remove a non-card obstruction from a throat portion of the reader, the method comprising:

moving a sweeping arm from a first side of the throat portion of the card reader to a second side of the throat portion opposite to the first side;

catching a non-card obstruction in a recessed area defined by a hook portion of the sweeping arm; and

dragging the caught non-card obstruction to the second side of the throat portion while maintaining the non-card obstruction within the recessed area so that a card can be inserted into the throat portion without being impeded by the non-card obstruction.

63. (previously presented): A method of operating a motorized card reader to detect a non-card obstruction in a throat portion of the reader while a card is present in the throat portion of the reader, the method comprising:

09/943,160

moving a sweeping arm from a first side of the throat portion, beneath a card protruding through the throat portion, to a second side of the throat portion opposite to the first side of the throat portion;

catching a non-card obstruction in a recessed area defined by a hook portion on the sweeping arm; and

dragging the caught non-card obstruction to the second side of the throat portion to allow the protruding card to be transported through the throat portion without being impeded by the non-card obstruction.

64. (new): A motorized card reader module comprising:

means defining a throat portion for receiving cards;

means defining a housing portion for containing a card read head;

a shutter arm member movable from a closed position to an open position to allow a card to pass from the throat portion to the housing portion; and

a sweeping arm member including surface means defining a predefined recessed surface for engaging a non-card obstruction in the throat portion to drag the non-card obstruction from one side of the throat portion to an opposite side of the throat portion as the sweeping arm member moves from the one side of the throat portion to the opposite side of the throat portion.

65. (new): A motorized card reader according to claim 64, wherein the predefined recessed surface comprises a substantially J-shaped surface for catching the non-card obstruction in the throat portion when the non-card obstruction is engaged.

66. (new): A motorized card reader according to claim 65, wherein the substantially J-shaped surface includes means defining a blade portion for cutting the non-card obstruction in the throat portion as the sweeping arm member moves from the one side of the throat portion to the opposite side of the throat portion.

09/943,160

67. (new): A motorized card reader module comprising:
- a throat portion for receiving cards;
  - a housing portion for containing a card read head;
  - a shutter arm movable from a closed position to an open position to allow a card to pass from the throat portion to the housing portion; and
  - a sweeping arm movable from one side of the throat portion to an opposite side of the throat portion to detect any non-card obstruction in the throat portion as the sweeping arm traverses a substantially entire width of the throat portion;
  - the sweeping arm including a hook portion having a recessed area for enabling the hook portion to (i) catch a non-card obstruction, (ii) maintain the caught non-card obstruction within the recessed area, and (iii) drag the caught non-card obstruction to a side of the throat portion when the sweeping arm moves from the one side of the throat portion to the other side of the throat portion;
  - wherein the hook portion includes a cutting mechanism for cutting a non-card obstruction in the throat portion.
68. (new): A module according to claim 67, further comprising a first sensor for detecting when the sweeping arm is moved to the one side of the throat portion.
69. (new): A module according to claim 68, further comprising a second sensor for detecting when the sweeping arm is moved to the opposite side of the throat portion.
70. (new): A module according to claim 68, wherein the first sensor is located to detect if the cutting mechanism is damaged.